

SZAJEALY, M.

SZAJEALY, M. Results of Hungarian research to improve drawing devices on silver lappers in the cotton textile industry. P. 406.

No. 11/12, Nov./Dec, 1955

MAGYAR TEXTILTECHNIKA.

TECHNOLOGY

Budapest, Hungary

So: East European Accession, Vol. 5, No. 5, May 1956

SZAJBELY, M.

"Planning Modern Cotton Spinneries." p. 363 (Magyar Textiltechnika No. 11/12, Nov./Dec, 1953 Budapest.)

Vol. 3, no. 6

SO: Monthly List of East European Accessions,/Library of Congress, June 1954, Uncl.

SZAJBELY, Mihaly

Air technology in spinning mills. Magy textil 13 no.4:129-138 Ap '61.

SZAJBELY, Mihaly; WOLANSKI, J. [translator]

Power engineering and mechanical problems of the modernization
of cotton spinning mills. Przegl włokien 16 no.7/8:410-421
Jl-Ag '62.

DOBO, Andor; SZAJCZ, Sander

Application of the Mikusinski's operator calculus in the approximate solution of linear inhomogeneous differential equations with n-order variable coefficient. Mat kozl ~~Mat~~ 13 no.4:355-358 '63.

DOBO, Andor; SZAJCZ, Sandor

Remark on a paper by Erno Gesztelyi. Mat lapok 14 no.1/2:140-144
'63.

SZAJER, ROBERT

Stacje i wezly kolejowe. (Wyd. 1.) Warszawa, Wydawn. Komunikacyjne,
1954. 277 p. (Railroad stations and junctions. 1st ed. illus. ,
bibl. , diagrs.)

SOURCE: East European Accessions List, (EEAL), Library of Congress,
Vol. 4, no. 12, December 1955

SZAJER, ROBERT

Stacje i wezly kolejowe. 2. wyd. popr. i uzup. Warszawa, Wydawn. Komuni-
kacyjne, 1956. 291 p. (Railroad stations and junctions. 2d ed., rev. and enl.
illus., bibl., diagrs. (part fold. in pocket), tables)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

ORLOWSKI, T.; KLECZKOWSKI, B.; SZAJEWSKI, J.

Hemoglobin level, erythrocytes count, and colorimetric index of the blood in normal subjects. Polski tygod. lek. 8 no.1:1-4 5 Jan 1953.

(CML 24:3)

1. Of the First Clinic of Internal Diseases (Head--Prof. A. Biernacki, M. D.) of Warsaw Medical Academy.

SZAJEWSKI, JANUSZ
KOWALSKA, Maria; SIGINSKI, Alfred; SZAJEWSKI, Janusz

Therapy of peripheral vascular disease with intraarterial drips of
a histamine solution. Polski tygod. lek. 10 no.14:420-423 4 Apr 55.

1. Z I Kliniki Chorob Wewnętrznych A. M. w Warszawie; kierownik:
prof. dr Andrzej Biernacki.

(VASCULAR DISEASES, PERIPHERAL, therapy,
histamine solution, intraarterial drips)

(HISTAMINE, ther. use,
vasc. dis., peripheral, intraarterial drips)

SZAJEWSKI, JANUSZ

SICINSKI, Alfred; SZAJEWSKI, Janusz

Behavior of protein level and fractions in blood in various diseases.
Polskie arch. med. wewn. 25 no.1a:249-253 1955.

1. Z I klin. chor. wewn. A.M. w Warszawie; kier. prof. dr. A. Biernacki.
(BLOOD PROTEINS, in various diseases
level & fraction changes)

SZAJEWSKI, J.
PLACHECKA, M.; SZAJEWSKI, J.; WYSOCKA, L.; z techniczna współpraca
A. Kozłowskiej.

Posttransfusal complications based on material of the
Internal Disease Clinic of Warsaw. Polskie arch. med. wewn.
26 no.12:1819-1823 1956.

1. Z I Kliniki Chorob Wewnętrznych A.M. w Warszawie Kierownik:
prof. dr. nauk med. A. Biernacki. Warszawa, ul. Nowogrodzka 59.

I Klinika Chorob Wewnętrznych A.M.

(BLOOD TRANSFUSION, compl.

in internal dis., statist. (Pol))

(MEDICINE, INTERNAL, statist.

posttransfusal compl. (Pol))

SZAJEWSKI, Janusz

Variability of blood lipoprotein spectrum after injections of small doses of heparin. Polskie arch.med. wewn. 28 no.5:702-705 1958.

1. Z I Kliniki Chorob Wewnętrznych A.M. w Warszawie. Kierownik: prof. dr nauk med. A. Biernacki. Adres autora: Warszawa, ul. Nowogrodzka 59, I Klinika Chorob Wewnętrznych.

(ARTERIOSCLEROSIS OBLITERANS, blood in lipoproteins, eff. of heparin (Pol))

(THROMBOANGIITIS OBLITERANS, blood in same (Pol))

(HEPARIN, eff.

on blood lipoproteins in arteriosclerosis & thromboangiitis obliterans (Pol))

BIERNACKI, Andrzej; CZARNIECKI, Wincenty; DORYWALSKI, Tadeusz, GLINSKA,
Danuta; KOWALSKA, Maria; KROTKIEWSKI, Andrzej; SIGINSKI, Alfred
STASIAKOWA, Lucja, SZAJEWSKI, Janusz; WALASZEWSKA, Barbara

Remote results of conservative therapy of peripheral vascular diseases.
Polskie arch.med. wewn. 28 no.5:771-778 1958.

1. Z I Kliniki Chorob Wewnętrznych A.M. w Warszawie. Kierownik:
prof. dr nauk med. A. Biernacki.
(VASCULAR DISEASES, PERIPHERAL, ther.
drug. ther., follow-up (Pol))

SZAJEWSKI, Janusz; GRADOWSKA, Liliana; JUSKOWA, Joanna; MIZIKOWSKA, Ewa

Effect of corticosteroids on blood lipids. I. Effect of a brief and prolonged administration of corticosteroids on blood lipids in human subjects with and without atherosclerosis. Polskie arch. med.wewn. 30 no.7:946-950 '60.

1. Z I kliniki Chorob Wewnętrznych Akademii Medycznej w Warszawie
Kierownik: prof. dr med. A.Biernacki
(ADRENAL CORTEX HORMONES pharmacol)
(LIPIDS blood)
(ARTERIOSCLEROSIS blood)

SZAJEWSKI, Janusz; GRADOWSKA, Lilliana; JUSKOWA, Joanna; MIRIKOWSKA, Ewa

Effect of corticosteroids on blood lipids. II. Effect of a brief administration of corticosteroids on blood lipids in dogs before the onset of methylthiouracil and cholesterol treatment and 2 months after their administration. Polskie arch.med.wewn. 30 no.7:950-953 '60.

1. Z I Klin. i Chorob Wewnetrznych A. M. w Warszawie Kierownik:
Prof. dr med. A. Biernacki.

(LIPIDS blood)

(ADRENAL CORTEX HORMONES pharmacol)

(CHOLESTEROL pharmacol)

(THIOURACIL pharmacol)

SZAJEWSKI, Janusz, M.; SCANU, Angelo

Effect of triton WR-1339 on the heparin-induced plasma lipoprotein lipase activity in dogs. Acta med. pol. 4 no.1: 15-20 '63.

1. The Research Division of the Cleveland Clinic Foundation, Cleveland, Ohio, U.S.A. Director: I.H. Page M.D.

(LIPOPROTEIN LIPASE) (SURFACE ACTIVE AGENTS)

(BLOOD CHEMICAL ANALYSIS)

SZAJEWSKI, Janusz M.

Effect of atromid on the cholesterol level in the blood serum.
Pol. arch. med. wewnet. 35 no.9:1359-1362 '65.

1. Z I Kliniki Chorob Wewnętrznych Akademii Medycznej w Warszawie
(Kierownik: prof. dr. med. T. Orłowski).

SZAJEWSKI, Z.

How many expositions of airplane models were held in 1953? p. 170.
(SKRZYDLATA POLSKA, Vol. 10, No. 10, Mar. 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec.
1954, Uncl.

SZAJEWSKI, Z.

"New Programs Soon." P. 523. P.E. "Cleft Wings of Airplane Models." P. 524.
(SDRZYDLATA POLSKA, Vol. 10, No. 33, Aug. 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4,
No. 1, Jan. 1955 Uncl.

SZAJEWSKI, Z.

"New Distribution of Courses in Modeling." Młody. P. 22. (SKRZYDLATA POLSKA, Vol. 10, No. 41, Oct. 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 1, Jan. 1955 Uncl.

SZAJEWSKI, Z.

Work of the Modeling Council. p. 10. (SKRZYDLATA POLSKA, Warszawa, Vol. 11, No. 7, Feb. 1955)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6, June 1955,
Uncl.

SZAJEWSKI, Z.

32 candidates for the world championship. p.10. (SKRZYDLATA POLSKA, Warszawa, Vol. 11, No. 9, Feb. 1955)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6, June 1955,
Uncl.

SZAJEWSKI, Z.

Changes in rules of the International Aeronautic Federation. (Conclusion) p.11.
(SKRZYDLATA POLSKA, Warszawa, Vol. 11, No. 9, Feb. 1955)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6, June 1955,
Uncl.

SZAJEWSKI, Z.

Illustration of a modelist. p. 11

SKRZYDZIATA POLSKA. (LIGO LOTNICZA) Warszawa, Poland. Vol. 11 no. 26, July 1955.

Monthly List of East European accession (DIAI), LC. Vol. 8, No. 9, September, 1959. Uncl.

SZAFARSKI, Z.

SZAFARSKI, Z. What our modeling will be. p. 10. Vol. 11, no. 43, Oct. 1955.
SZRZYDLA POLSKA. Warszawa, Poland.

SOURCE: Fast European Accessions List (FEAL) LC VOL. 5, No. 6 June 1956

1(3)

PHASE I BOOK EXPLOITATION

POL/1390

Szajewski, Z.

Od RWD do MIGa (From the RWD to the MIG) [Warsaw] Wyd-no Min. Obrony Narodowej
[1956] 191 p. 8,000 copies printed.

Ed.: Mańkowski, Antoni; Tech. Ed.: Platek, Zygmunt.

PURPOSE: This book is intended as a general pictorial guide to Polish aircraft. It may be of interest to anyone searching for information on the development of the Polish Air Force.

COVERAGE: This book contains general information on various types of aircraft used in Poland. In addition to a section providing information for aircraft scale-model builders, it gives general structural data, such as length, wing span, height, lifting surface, weight-empty, useful load, of the following: 1) 13 military aircraft, 7 of them Polish and 6 Russian built, 2) 15 Polish built sport planes, 3) 10 Polish built gliders, 4) 2 Polish and 2 Russian built transport aircraft. Photos and diagrams of these aircraft are given. There are no references given.

Card 1/2

SZAJEWSKI, Z.

Airplane modeling in the Soviet Union. p. 12.
(SKRZYDLATA POLSKA. Vol. 12, no. 38, Sept. 1956, Warszawa, Poland)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 12, Dec. 1957.
Uncl.

SEJEWSKI, Z.

Visit in Yugoslavia.

p. 15 (Skrzklata Polska, Vol. 13, no. 44, Oct. 1957. Warszawa, Poland)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2,
February 1958

SZAJKO, L.

The results of feeding with carbamide on State farms at Hegyeshalom. p. 15. (Magyar Mezogazdasag, Vol. 11, no. 5, Mar. 1956 Budapest)

SO: Monthly List of East European Accession (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

SZAJNA, M.
(Article 1866)

Przypadek pneumokokowego zapalenia opon mozgowych wyleczony penicylina i sulfatiazolem A case of pneumococcal meningitis treated with high doses of penicillin and sulphathiazole Polsk. Tyg. Lek. 1951, 6/8 (272-273)

The treatment of the 2-year-old child was initiated on the 5th day after the onset of the disease. For the first 8 days penicillin was administered in doses of 2000,000 U. intrathecally and 3000,000 U. intramuscularly, combined with 4 g. sulphathiazole daily for 2 days. The later treatment consisted only of lumbar punctures with the purpose of examining the CSF. The child improved rapidly and was discharged in good health after 3 weeks.

Bogdanowicz - Warsaw (XX, 8,7)

Source: EXCERPTA MEDICA Vol. 5 No. 5 Section VIII May 1952

SZAJNA, M.

~~Cadmium~~ test of cerebrospinal fluid turbidity. Polski tygod. lek. 7
no.50:1688-1689 15 Dec 1952. (CIML 24:2)

1. Of Nysa Municipal Hospital (Director--Jan Bromilski, M.D.)

STADIUM

Szpil. Kiejsk., Mysie. *Wpływ śniadania białkowego na próby chwiejności białek surowicy. Effect of a protein breakfast on the serum protein values POLSK. TYG. LEX. 1953, 8/35 (1193-1194) Graphs 1 Tables 1

Tests on healthy men are reported. The breakfast consisted of 4 eggs. The blood was examined 30, 60 and 120 min. after the meal. The following values were changed: Takata-Ara, Stolte (partially) and Weltmann. Results of the Moller and cashalin tests remained unchanged. Wehr - Warsaw

50: MEDICINA MEDICA - Section II, Vol. 7, No. 10

SZAJNA W.

KIRKOWSKA, I.; KAMIENIECKA, Z.; SZAJNA, W.

Tick-borne encephalitis. Neurologia etc. polska 4 no.3:281-291
May-June 54.

1. Z Kliniki Neurologicznej Akademii Medycznej w Warszawie.
Kierownik: prof. dr A. Opalski.
(ENCEPHALITIS, EPIDEMIC, epidemiology,
Poland)

SZAJNA, Mieczysław

Research on tick-borne encephalitis; III clinical picture of encephalitis epidemic at N. in Poland. Przegl. epidem., Warsz. 8 no.3:219-223 1954.

1. Ze szpitala miejskiego w N., Ordynator Dr. M.Szajna.
(ENCEPHALITIS, EPIDEMIC, epidemiology
clin. picture of cases in 1923 epidemics in Poland)

SZAJNA M

KAMIENIECKA, Zofia; KIRKOWSKA, Irena; SZAJNA, Mieczysław

Research on tick-borne encephalitis; IV. health conditions of convalescents after encephalitis. Przegl. epidem., Warsz. 8 no.3: 225-228 1954.

1. Z Kliniki Neurologicznej Akademii Medycznej w Warszawie, kierownik prof. dr. I. Hausmanowa. 2. Z Oddziału wewnętrznego Szpitala Miejskiego w "N," ordynator: dr. M. Szajna.

(ENCEPHALITIS, EPIDEMIC

convalescents, health cond. after 1950-52 epidemics in Poland)

SZAJNA, Mirosław

Tick-borne encephalitis in Poland. Polski tygod. lek. 9 no.51-52:1625-1627 27 Dec 54.

1. Ze Szpitala Miejskiego w Nysie; dyrektor dr Z.Szczerba.
(ENCEPHALITIS, epidemic, epidemiology,
in Poland)

SZAJNA, Mieczysław

Effect of adrenocorticotrophic hormones on lability of plasma and serum proteins in allergic diseases. Polski tygod. lek. 10 no.6: 188-189 7 Feb 55.

1. Ze Szpitala miejskiego w Nysie; dyrektor: dr. Zbigniew Szczerba.
 - (ALLERGY, blood in
plasma & serum proteins, eff. of ACTH on lability)
 - (BLOOD PROTEINS, in various diseases
allergic dis., eff. of ACTH on lability)
 - (ACTH, effects
on plasma & serum proteins lability in allergy)

SZAJNA, Mieczysław

Clinical value of Costa's test. Polski tygod.lek. 10 no.10:302-305
7 Mar 55.

1. Z Oddz. Wewn. Szpitala Miejskiego w Nysie; ordynator dr M.Szajna
Nysa, Partyzantow 2.
(PREGNANCY TESTS,
Costa's test, clin. value)

SZAJNA, Mieczyslaw

Effect of heparin on sugar level in blood in diabetes. Polski tygod.
lek. 10 no.17:564-565 25 Apr 55.

1. Z oddziału wewnętrznego Szpitala Miejskiego w Nysie; ordynator
dr Szajna Mieczyslaw i z laboratorium Szpitala Miejskiego w Nysie;
kier. techn.: dypl. lab. Krystyna Łaska. Nysa, Szpital Miejski.

(DIABETES MELLITUS, blood in,
glucose level, eff. of heparin)
(BLOOD SUGAR, in various diseases,
diabetes mellitus, eff. of heparin)
(HEPARIN, effects,
on blood sugar in diabetes mellitus)

SZAJNA, MIECZYSLAV

SZAJNA, Mieczyslaw (Nysa)

Use of ACTH in thrombocytopenia chronica with changes of protein composition of the blood. Przegl. lek., Krakow 11 no.3:65-66
Mar 55.

1. Ze szpitala miejskiego w Nysie; dyr. Z.Szczerba.

(BLOOD PLATELETS, diseases

thrombopenia, with changes of blood protein composition,
ther., ACTH)

(ACTH, ther. use

thrombopenia, with changes of blood protein composition)

(BLOOD PROTEINS

disord. in thrombopenia, ther., ACTH)

SZAJNA, M.

EXCERPTA MEDICA Sec.2 Vol.10/3 Physiology March 57

1078. SZAJNA M. Odd. Wewn. Szpit. Miejskiego, Nysie. *Próby badania czynności nerek za pomocą heparyny. Use of heparin in renal function tests POL. TYG. LEK. 1956, 11/25 (1132-1133) Tables 1
After i.v. injection of 50 mg. heparin could be detected in the urine after 5 hr. in healthy persons, and in patients with chronic glomerulonephritis without uraemia or with pyelonephritis. In patients with subacute glomerulonephritis with nephrotic syndrome, heparin was found in the urine only in the first hour after its injection.

SZAJNA M.
EXCERPTA MEDICA Sec.18 Vol.1/5 Cardiovascular May 57

1389. SZAJNA M. Szpit. Miejskiego w Nysie. Leczenie dusznicy bolesnej reserpina
Treatment of angina pectoris with serpasil Przegl. lek. 1956, 12/6 (186—187)

The author treated 10 cases of arteriosclerotic coronary heart disease with serpasil alone (1.0-1.5 mg./24 hr.) or simultaneously with heparin (200 mg./day) and luminal (0.1-0.2 mg./day). The pain ceased dramatically in all cases.

Mikulowski - Cracow (VI, 18)

SZAJNA, Mieczysław

A clinical syndrome of primary recurrent or local phlebitis, anemia and diaphragmatic hernia. Polskie arch. med. wewn. 29 no.7:965-967 1959.

1. Z Oddziału Wewnętrzznego Szpitala Miejskiego w Nysie Ordynator:
dr med. M. Szajna.

(HERNIA DIAPHRAGMATIC, compl.) (ANEMIA, compl.)
(PHLEBITIS, compl.)

POLAND

Mieczysław SZAJNA, Head Physician (ordynator) Department of Internal Medicine, Municipal Hospital (Oddział Wewnętrzny Szpitala Miejskiego), Tychy.

"Is There a Diabetes J?"

Warsaw, Przegląd Lekarski, Vol 18/Ser 2, No 11, 1962; p 433

Abstract: Based on an unstated number of the diabetic patients studied and treated in 2 years, author agrees with recent conclusion by Tulloch and MacInnoch that there is no such thing as the third or "J" type of diabetes as recently claimed by Hugh-Jones. Three British references.

1/1

SZAJNA, Mieczyslaw

A case of osteomyeloreticulosis, myelofibrosis, osteomyelosclerosis.
Pol. arch. med. wewnet. 32 no.1:128-131 '62.

1. Z Oddziału Wewnętrznego Szpitala Miejskiego w Tychach Ordynator:
dr med. M. Szajna.

(ANEMIA LEUKOERYTHROBLASTIC case reports)

SZAJNA, Mieczyslaw

Primary reticuloendotheliosis with periodic fever. Pol. arch. med.
wewn. 32 no.12:1613-1614 '62.

1. Z Oddziału Wewnętrznego Szpitala Miejskiego w Tychach. Ordynator:
dr med. M. Szajna.

(RETICULOENDOTHELIOSIS) (FEVER)

POLAND

SZAJNA, Mieczyslaw, Dr. med., "Ordynator" of Division of Internal Diseases (Oddzial Chorob Wewnętrznych), Municipal Hospital (Szpital Miejski) in Tychy

"Effect of Luminal on One-Stage Prothrombin Time."

Warsaw-Krakow, Przegląd Lekarski, Vol 19, Ser II, No 6, 24 Jun 63, p 274

Abstract: Author refers to work of Reverchon and Sapir (La Presse Medicale, 1961, p 1570), who noted that barbiturates counteracted the anticoagulant activity of tromexan, but assumed that they have no effect on the method of prothrombin time determination, as well as to the work of Ellis and Barlow, who as far back as 1925 investigated the coagulating effect of barbituric acid derivatives in animals. He tested the effect of adding luminal to human serum in vitro on the one-stage prothrombin activity test, and found that the prothrombin time always increased, and suggests that, perhaps, luminal may block the activity of enzymes essential to blood clotting. There are three Western references.

1/1

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SZAJNER-MULART, Irena; SKWARCZ, Andrzej

Intracranial aneurysm in a 9-year-old boy. Pol. tyg. lek. 17 no.50:
1961-1963 D '62.

1. Z Kliniki Chorob Dzieci Akademii Medycznej w Lublinie; kierownik:
prof. dr med. Witold Klepacki [deceased] i z Zakładu Anatomii
Patologicznej Akademii Medycznej w Lublinie; kierownik: prof. dr
med. Stanislaw Mahrburg.

(CEREBRAL ANEURYSM)

CHYZASTEK-SPRUCH, Hanna; STROCZYNSKA, Maria; SZAJNER-MILART, Irena,
UMINSKI, Jerzy.

Morphological picture of the peripheral blood of rural children
infected with parasites of the digestive system. Wiad. parazyt.
9 no.6:535-543 '63

1. I Klinika Pediatria AM, Lublin, i Zaklad Parazytologii
Wiejskiej Instytutu Medycyny Pracy i Higieny Wsi im. Witolda
Chodzki, Lublin.

*

SZAJOWSKI, Jozef, mgr

Practical remarks concerning the organization of elaborating a
complex analysis of economic activities. Przegl techn 84 no.35:4
1 S '63.

Szak, J.

KONYVES-KOLONICS, L.; SZAK, J.; PUSZAK, I.

Pathology of polyinsular sclerosis. IV. Tryptin content of the
blood plasma in polyinsular sclerosis. Zschr. Nervenhe. 6 no.1:
49-53. (CML 24:2)

1. Of the Neuro-Psychiatric Clinic (Head--I.Huszak,M.D.) of
Szeged University.

SZAK, Janos, dr.; NIKODEMUSZ, Jozsef, dr.

Neuroses and autonomic symptoms. Orv. hetil. 95 no.41:1125-1127
10 Oct 54.

1. A Nephadsereg Egesszsegugyi Szolgalatanak kozlemenye.
(AUTONOMIC NERVOUS SYSTEM, in various dis.
neuroses)
(NEUROSES, manifest.
autonomic nerv. system)

SZAK, Janos; NIKODEMUSZ, Jozsef

Effects of experimental hypoxia on blood sugar in autonomic disorder. Kiserletes orvostud. 8 no.2:158-162 March 56.

1. Nephadsereg Eu. Szolgalat.

(AUTONOMIC NERVOUS SYSTEM, dis.

eff. of exper. anoxia on blood sugar. (Hun))

(ANOXIA, exper.

eff. on blood sugar in autonomic NS disord. (Hun))

(BLOOD SUGAR, in various dis.

autonomic NS disord., eff. of exper. anoxia. (Hun))

SZAK, Janos, dr., o. ales.

~~Periodic hemianoptic~~ Periodic hemianoptic optical hallucination. Ideg. szemle 9 no.1:
7-11 Feb 56.

1. Nephadsereg Egesszseguy i Szolgalata.

(HEMIANOPIA

monolateral homonymous, with visual hallucination,
sympt. (Hun))

(HALLUCINATIONS

visual, with monolateral homonymous hemianopia,
sympt. (Hun))

NYIRO, Gyula, dr.; PETER, Agenes, dr.; SZAK, Janos, dr.

Data on oxidation mechanism in schizophrenia; I. Effects of controlled anoxia on the clinical picture of schizophrenia. Orv. hetil. 97 no.26:712-715 24 June 56.

1. A Budapesti Orvostudományi Egyetem Elme- és Idegklinika-jának (igazgató: Nyíró, Gyula dr. egyetemi tanár) és a Néphadsereg Egészségügyi Szolgálatának közleménye.

(ANOXIA, eff.

on schizophrenia, physiol. & psychol. eff. (Hun))

(SCHIZOPHRENIA

physiol. & psychol. eff. of controlled anoxia. (Hun))

SZAK, Janos, dr.

Electroencephalographic picture of pyknolepsy activated by mental stress. Ideg. szemle 13 no.9:269-275 S '60.

1. Budapest Fovarosi Tanacs VB Gyali uti Korhaz, Budapest, IX. Gyali ut 17, Idegosztalyanak kozlemenye. (Igazgato: dr. Borza Laszlo).

(EPILEPSY psychol)

(ELECTROENCEPHALOGRAPHY)

SUSTER, J., prof. dr.; SZAK, O.

Difficult diagnosis of intracranial tumors causing bilateral
blindness. Cesk. oftal. 21 no.3:207-211 My '65

1. Ocna klinika Lekarskej fakulty University Karlovy v
Bratislave (prednosta: prof. dr. J. Suster).

BOZIK, L.; GRUBEROVA, J.; KOLESAR, D.; SZAK, O.

The health conditions of workers exposed to one centimeter
and meter waves. Bratisl. lek. listy 45 no.4:225-232 31 Ag '65.

1. Klinika chorob z povolania Lekarske fakulty Univerzity
Komenskeho v Bratislave (veduci prof. MUDr. M. Nosal), Ustav
hygieny prace a chorob z povolania v Bratislave (riaditel
prof. MUDr. M. Nosal) a Klinika ocnych chorob Lekarske fakulty
Univerzity Komenskeho v Bratislave (veduci prof. MUDr. J. Suster).

UIVARI, V., coresp.; SZAKACS, A., coresp.

An electrotractor for operating railroad cars. Constr Buc 17 no.
791:4 6 Mr '65.

KOVACS, A., Conf.; HORVATH, A., Conf.; MODY, E., dr.; ~~KERKES~~, dr.;
SZAKACS, B., dr.; BARAZS, M., dr.

Diagnostic value of electrophoretic methods in endocarditis.
Med. int., Bucur. 8 no.3:452-459 July 56.

(ENDOCARDITIS, diagnosis
electrophoresis, method & diag. value)
(ELECTROPHORESIS
diag. value in endocarditis)

BENKO, Gyorgy, dr.,; SZAKACS, Dezso, dr.

Early diagnosis of gastric hemorrhage. Orv. hetil. 96 no.37:
1024-1028 11 Sept 55.

1. A Pecsí Orvostudományi Egyetem I. sz. Belklinikájának (igazgató:
Angyan János dr. egyet. tanár) közl.
(STOMACH, hemorrhage,
diag., early)
(HEMORRHAGE,
stomach, diag., early)

SZAKACS, DEZSO, DR.

BENKO, Gyorgy, Dr.; SZAKACS, Dezso, Dr.

Significance of early gastroscopy in hemorrhages of the upper gastrointestinal system. Orv. hetil. 99 no.25:850-853 22 June 58.

1. A Pecszi Orvostudományi Egyetem I. sz. Belklinikájának (igazgató: Angyan János dr. egyet. tanár) közleménye.

(GASTROINTESTINAL SYSTEM, hemorrh.

early gastroscopy in hemorrh. of upper tract (Hun))

(GASTROSCOPY, in various dis.

hemorrh. of upper gastrointestinal system, significance of early gastroscopy (Hun))

SZAKACS, Ferenc
SZAKACS, Ferenc

Perforation of simple ileal ulcer. Orv. hetil. 99 no.4:139-141 26 Jan 58.

1. A Sztalinvarosi Tanacz Korhaza (igazgato: Groszman Sandor) Sebeszeti Osztalyanak (foorvos: Patkay Kozsef) kozlemenye.

(ILEUM, ulcers

perf. of simple ileal ulcer, case report (Hun))

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* Appendicitis secondary to foreign bodies. Orv. hetil. 102 no.42:1997-1998 15 0 '61.

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(APPENDICITIS etiol) (APPENDIX for bodies)

SZAKACS, Ferenc, dr.; JARORKA, Ferenc, dr.

Gunshot wound of the tonsil. Orv. hetil. 104 no.46:2188
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1. Dunajvarosi Tanacs Korbaza, Sebeszeti es Gegeszeti Osztaly.
(WOUNDS, GUNSHOT) (TONSIL) (TONSILLECTOMY)

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105 no.19:904-905 10 My'64

✱

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NEWBOLD, H.; HOSCHKE, Gy.

"How to Explain the Change of 'Attitude Pressure', p. 455, (GEP,
Vol. 6, No. 10, October 1954, Budapest, Hungary)

CC: 'Monthly List of East European Accessions (EEAL), LC, Vol. 4, No. 3,
March 1955, Uncl.

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SZAKACS, GY.; KRAUSZ, S.

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M. E. Merchant (V. Piispanen). p. 431.

Vol. 7, No. 11, Nov. 1955 Budapest, Hungary GEP

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5
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SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4 - April 1957

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H/014/60/000/007/001/002
E190/E435

AUTHOR: Szakács, György, Research Associate

TITLE: The Examination of the Relationship Between Life and Grain Size of Ceramic Tool Tips

PERIODICAL: Kohászati lapok, 1960, No.7, pp.289-297

TEXT: The paper is an abridged version of the first parts of a Candidate thesis.

First part. Continuation published in Kohászati lapok, 1960, No.8, pp.357-361.

Seemingly erratic variations in the life of experimentally manufactured ceramic tool tips prompted an investigation into the effect of grain size on cutting life. Conclusions from this work were then applied for classifying "Pyrocor" tips produced in a pilot plant and tips of foreign origin were examined to see whether the conclusions apply to them. The structure of ceramic tips was examined in incident light after polishing and etching (the specimen is covered with borax and heated at 900°C for 10 min, then the borax dissolved in boiling hydrochloric acid of 1.19 sp gr) for grain boundaries and thin transparent sections in transmitted

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The Examination of ...

light for structure. Conventional preparation of specimens stuck to a glass slide with canada-balsam was satisfactory for coarse-grained material but the method of Doctor Zoltán Veres had to be used for fine grained one. A small ball is formed and flattened on a heated glass rod of a thermal expansion similar to that of the specimen. The specimen is ground on one side (using a diamond wheel) and placed with the ground side on the glass. The two are then reheated and the specimen pressed into the glass; after cooling, the aggregate is broken off the glass rod, stuck onto a glass slide with canada-balsam and finished off by grinding the other side of the specimen. More than 500 sections have been prepared and the structure photographed using a Zeiss LuWdE microscope. A coding system has been adopted for describing the salient features of the structure. Numerals in the first place describe the predominant grain size according to Table 1:

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The Examination of ...

No.	Bigger than	Smaller than	Description
	microns		
1	-	3	fine
2	3	4 x 12	small
3	4 x 12	8 x 50	medium
4	8 x 50	15 x 220	coarse
5	15 x 220	30 x 350	large
6	30 x 350	60 x 500	giant

Letters in the second place give the type of structure according to Fig.10 (A = uniform grain, B = uniform matrix with scattered groups of different grains, C = uniform matrix with two different groups of grains embedded, D = matrix formed of two distinct areas of different grain size, E = as D but with individual crystals embedded, F = as D but individual crystals and grain-groups embedded). Numerals in the third, fourth and fifth place denote in order of importance the size of

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The Examination of ...

constituents present beside the predominant one, suffices indicating their position in the section (b = inner part, k = near to the edges). The section is normally taken near the cutting edge; sectioning through the whole cross-section of 16 tips showed this to be typical of the bulk of the material. The cutting life was tested on a lathe with a depth of cut of 1 mm, a feed of 0.2 mm/rev at a rate of 340 m/min, machining on a steel cylinder of 250 kg/mm² Brinell hardness. Spring-loaded tool holders held the tips and 0.5 mm land wear was taken as the life of the tip. The life was a function of grain size (a life of 12 min or more being considered as good); the number of tips tested is given below:

	Good	Poor
Uniform fine grain	31	7
Uniform coarse grain	0	17
Mixed grain	10	13

A hardness survey of ceramic tips gave values of 70 to 96.5 Rockwell A hardness on fine grained material and 64 to 76 on coarse grained one, whilst hardness of mixed structures varied Card 4/8

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according to which part of the structure was indented. All fine-grained tips of good tool life had hardness of 85 and above. Increasing sintering temperature led to coarser grain (no temperature values quoted). Hungarian "Pyrocor" ceramic tips were tested in a similar manner. Their hardness varied from 78 to 91 RA; when fine grained tips with a hardness variation of less than ± 2 RA were selected, their minimum hardness was again 84 to 85 RA. Ceramic tool tips of pure Al_2O_3 and of Al_2O_3 metal oxide or carbide type were tested too and the results are given in Table 2 and Table 3 respectively. The type of land-wear is described by these symbols; K = wear, s = uniform smooth, cs - chipping, m = edge disintegrates. In these tests, steel of 262 kg/mm² Brinell hardness was cut at 280 m/min with 0.1 mm/rev feed and 1 mm depth of cut. The above results support the conclusion that ceramic tips of uniform and minimum 85 RA hardness and of a fine (max. 3 micron) grain size give satisfactory tool life. Tips of mixed structure yield unpredictable results whilst coarse-grained ones are always poor. The only exception was the East-German "Harrieth C40" with low

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The Examination of ...

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hardness but good life. These conclusions permit a closer control of quality in producing Hungarian "Pyrocor" bits. ✓

ASSOCIATION: Vasipari Kutató Intézet
(Research Institute for the Iron Industry)

Tables 2 and 3.

Legend:	1 - Number	7 - Scatter
	2 - Origin	8 - Structure
	3 - Type	9 - Life (min)
	4 - RA hardness	10 - Land-wear
	5 - Number of tests	11 - mm
	6 - Average	12 - Type

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The Examination of ...

origin (second column)

French
Hungarian
East-German
Polish

Table 2.

Sorszám	Ország	Márka vagy jel	Keménység HR _a			Szerkezet	Esztergálás idő (perc)	Hátkopás	
			mérés száma	átlag	szórás			érték, mm	jelle
2/1.	Francia	Cerok	5	88,2	± 1,34	1 A	50	0,32	K/s
2/2.	Magyar	Pyrocor-LC	26	88,1	± 1,08	1 A	50	0,32	K/s
2/3.	NDK	-1233	4	76,2	± 12,9	3 A	0,06	1.	cs
2/4.	Lengyel	T ₁	4	70,2	± 14,2	3 A	2	0,3	cs

Jelölések: K = kopás, s = simán, cs = csorbul, m = morzsolódik.

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The Examination of ...

origin (second column)

USSR

USA

East German

Rumanian

English

Polish

Polish

East German

Ötröztett Al₂O₃

3. táblázat

Csoport	Márka vagy jel	Keménység, HR _s			Szerkezet	Esztergálás idő (perc)	Hátkopás	
		mérés száma	Átlag	szórás			érték, mm	jelleg
USSR	CM 322-1025	4	89,3	± 0,79	1A	50	0,27	K/s
USSR	Vuzscoy	10	89,5	± 1,56	1A	50	0,32	K/s
USSR	Marzith (C40)	12	79,6	± 13,4	2A	50	0,27	K/s
USSR	—	4	82,1	± 10,2	1B 112 _b	0,14	1	m
USSR	Sinter	10	72,0	± 18,2	1B 12 _b 3 _b	2	0,35	cs
USSR	—	4	66,0	± 22,8	3B 32 _b	0,06	2,1	cs
USSR	—	10	55,1	± 7,6	3B 332 _b	1,06	0,45	cs
USSR	—	11	69,6	± 16,7	3A	0,12	0,6	cs

Hátkopás: s = simán, cs = csorbul, m = morzsolódik.

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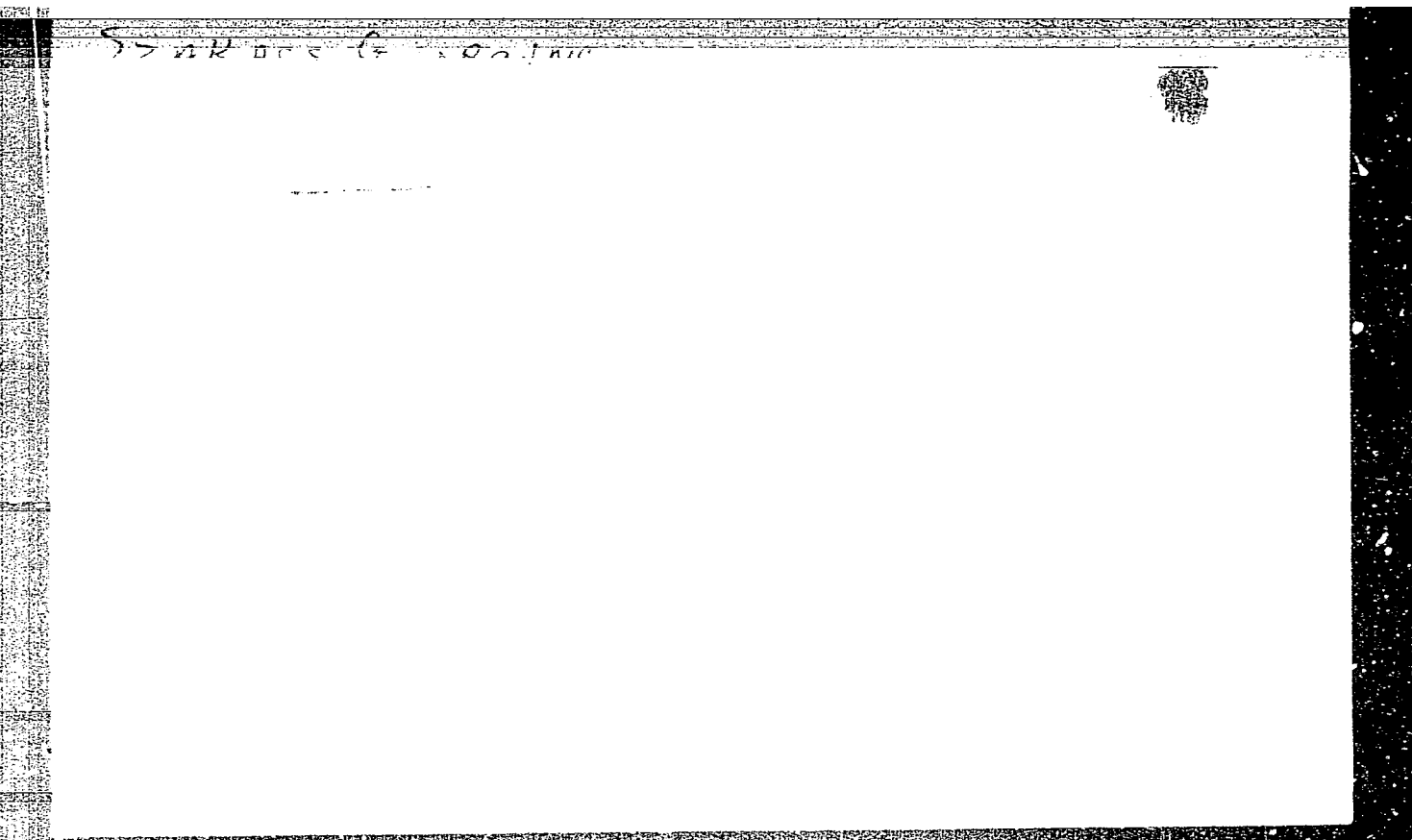
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HUNG

6.7-266
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58(4):218-223, July/Aug. 1954. fig., 3 tables. Russian and German summaries p. 218.
MH-BH—The authors attempted to separate warm-front precipitation from shower pre-
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observations. Results are compared with those obtained by using air-mass-analysis data,
with good agreement for the summer period but not for the winter period. The poor agreement
for winter is attributed to the inaccuracy of visual observation. Subject Headings: 1. Frontal
type precipitation 2. Precipitation data 3. Precipitation data analysis.—Trans. of authors'
abstract.

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SZAKACS, Gyula, tudományos főmunkatárs

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SZAKACS, Gyula

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SZAKACS, Gyula

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SZAKACS, Gyula

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4

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